

L 00667-67 EWT(m)/EWP(j)/T IJP(c) RM		4
ACC NR: AP6009867	(A)	SOURCE CODE: UR/0413/66/000/004/0065/0065
INVENTOR: Kalnin'sh, A. I.; Rakin, A. G.; Berzin'sh, G. V.; Sheydn, I. A.; Darzin'sh, T. A.; Muzhits, V. I.; Doronin, Yu. G.; Ziremelis, A. E.; Churina, Ye. A.		
ORG: none		
TITLE: Preparation of wood plastics. Class 38, No. 178971 [announced by the Institute of Wood Chemistry AN LatSSR (Institut khimii drevesiny AN Latvyskoy SSR) and Central Scientific Research Institute of Plywood (Tsentral'nyy nauchno-issledovatel'skiy institut fanery)]		
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 65		
TOPIC TAGS: plywood, wood chemistry, wood plastic, <i>forest product</i>		
ABSTRACT: An Author Certificate has been issued describing a method of preparing wood plastics. To improve the physical and mechanical properties of the end product and lower the amount of binder for making wood plastic from veneer sheets or ground wood, the latter are treated, prior to pressing, with a 25-percent solution of ammonia for 4 hr at 18-20C. The treated sheets are combined with untreated sheets during pressing. [LD]		
SUB CODE: 11/ SUBM DATE: 25Jan65		
Card 1/1 vlr	UDC: 674.812.2	

DARZNIYEV, Yu.O.

Possibility of the development of Azotobacter and some other soil micro-organisms in winter under conditions prevailing in the Margab oasis, Turkmen S.S.R. Izv. AN Turk. SSR no.4:36-43 '58.  
(MIRA 11:10)

1. Maryyskaya opytaya sel'skokhozyaystvennaya stantsiya.  
(Mari oasis--Azotobacter) (Soils--Bacteriology)

DARZNIYAK, Yu.O.

Source of carbon in media used for a quantitative assay of Azotobacter in soils. Mikrobiologiya 28 no.3:397-398 My-Je '59. (MIRA 13:3)

1. Maryyskaya sel'skokhozyaystvennaya opytная stantsiya, Bayram-Ali.

(AZOTOBACTER, culture  
carbon source in medium for qualitative assay of  
Azotobacter in soil (Rus))

DARZNIYK, Yu.O.

Effect of the cotton plant on the development of *Azotobacter* in  
soils. *Mikrobiologiya* 29 no.6:868-874 N-D '60. (MIRA 14:1)

1. Maryyskaya sel'skokhozyaystvennaya opytная stantsiya Bayram-Ali.  
(MURGAB VALLEY—AZOTOBACTER) (COTTON)

DARZNIYEK, Yil.O.

Oligonitrophilic micro-organisms in the soils of Murgab Oasis,  
Turkmenistan. Izv. AN Turk. SSR. Ser. biol. nauk no.1:3-11 '61.

(MIRA 14:8)

1. Maryyskaya sel'skokhozyaystvennaya opytная stantsiya Ministerstva  
sel'skogo khozyaystva Trukmenskoy SSR.

(MARY—MICRO-ORGANISMS, NITROGEN-FIXING)

DARZNIYEV, Yu.O.

Effect of soil moisture and irrigation on the development of  
Azotobacter in irrigated farm lands of southern Turkmenistan.  
Izv. AN Turk. SSR, Ser. biol. nauk no.2:38-46 '61. (MIRA 14:7)

1. Maryyskaya sel'skokhozyaystvennaya opyt'naya stantsiya Ministerstva  
sel'skogo khozyaystva Turkmenskoy SSR.  
(TURKMENISTAN—SOIL MOISTURE) (AZOTOBACTER)

DARZNIYEV, Yu.O.

How the application of certain organic substances to soil  
affects the development of azotobacter. Agrobiologia no.4:  
582-587 J1-Ag '61. (MIRA 14:7)

1. Maryyskaya optnaya sel'skokhozyaystvennaya stantsiya,  
Rayram-Ali.  
(Azotobacter)

DARZNIYEK, Yu.O.

Multiplication rate of Azotbacter cells in soils. Mikrobiologiya 30  
no.6:1042-1044 N-D '61. (MIRA 14:12)

1..Maryyskaya opytная sel'skokhozyaystvennaya stantsiya, Turkmenskaya  
SSR, g. Bayram-Ali.  
(MURGAB OASIS --AZOTOBACTER)



DARZNIYEK, Yu.O.

Effect of the moisture level and tillage methods on the development of *Clostridium pasteurianum*. Izv.AN Turk.SSR.Ser.biol.nauk no.4:42-46 '62. (MIRA 15:9)

1. Maryyskaya sel'skokhozyaystvennaya opytная statsiya Turkmenskogo nauchno-issledovatel'skogo instituta zemledeliya.  
(CLOSTRIDIUM PASTEURIANUM) (SOIL MICRO-ORGANISMS)

DARZNIYEI, Yu.O.

Nitrogen-fixing aquatic bacteria of the genus *Pseudomonas*.  
Izv. AN Turk. SSR. Ser. biol. nauk no.3:90-92 '63.

(MIRA 17:1)

1. Institut zoologii i parazitologii AN Turkmenskoy SSR.

DARZNIYEK, Yu.O.

Nitrogen-fixing micro-organisms in fishponds of Karamet-Miyaz. lav.  
AN Turk. SSR. Ser. biol. nauk no.4:26-34 '64. (MIRA 17:11)

1. Institut zoologii i parazitologii AN Turkmenskoy SSR.

ZALESKI, M.; RYMASZEWSKA, T.; DARZYNKIEWICZ, Z.; WLODARSKI, K.

Autoradiographic studies of cells from lymph nodes draining the tissue graft area. Bull. acad. Pol. sci. [Biol.] 13 no.1:43-47 '65.

1. Submitted on November 13, 1964.

DARZYNKIEWICZ, Zbigniew

Use of vinyl superchloride in histochemical techniques. Folia  
morphol 22 no.1:83-86 '63.

1. Zakład Histologii i Embryologii, Akademia Medyczna, Warszawa.  
Kierownik: doc. dr. med. K.Ostrowski.

\*

DARZYNKIEWICZ, Z.; JURUKOVA, Z.; WIECKOWSKI, J.

Interferometric measurement of the alkaline phosphatase activity in epithelial cells from the vagina of mice in the course of the keratinization process. Bull. acad. Pol. sci. [Biol.] 13 no.4: 201-205 '65.

1. Submitted January 15, 1965.

DARZYMKIEWICZ-CZERNIK, Daniela; POLAKOWSKI, Przemyslaw; SZADOWSKA, Anna

Pharmacological properties of certain thiazoline derivatives.  
Med.dosw.mikrob. 12 no.3:301-309 '60.

1. Z Zakladu Farmakologii A.M. w Lodzi Kierownik Zakladu: prof.  
dr nauk med. B.Leyko.  
(THIAZOLES pharmacol)

SZADOWSKA, Anna; GIBORSKA, Halina; DARZYŃKIEWICZ-CZERNIK, Daniela

Pharmacological properties of some new esters of diphenylacetic acid. Acta Pol. pharm. 21 no.6:509-518 '64

1. Z Katedry i Zakładu Farmakologii Akademii Medycznej w Łodzi  
(p.o. kierownika Zakładu: dr. med. A. Szadowska; kurator Katedry:  
prof. dr. med. W. Musiał).



L 56182-65 EWT(1)/REC-4/REC(1)/1/FCS(k) Pac-4/P1-4/Pj-4/P1-4 WR

ACCESSION NR: AP5015807

UR/0109/65/010/006/0997/1004

621.396.671.012.12

AUTHOR: Das, B.

TITLE: Maximum directivity of symmetrical sets of radiators

SOURCE: Radiotekhnika i elektronika, v. 10, no. 6, 1965, 997-1004

TOPIC TAGS: antenna, antenna directivity

ABSTRACT: The maximum directivity of a set of radiators whose individual elements are directional is theoretically considered. Linear combinations of the functions representing radiator directional patterns are so selected that they form an orthogonal system. It is proven that the matrix of an orthogonal transformation is a matrix of the eigenvectors of the matrices representing mutual impedances of the radiators. Formulas for the currents corresponding to the maximum antenna directivity and for the directive gain are developed for a set of orthogonal radiators. If the set of radiators is cyclically symmetrical, the eigenvector

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ACCESSION NR: AP#015807

matrix can be easily determined. The maximum radiation does not occur in the direction perpendicular to the plane of radiators. The directional gain can be essentially enhanced through superdirectivity; the directional pattern becomes narrower as the number of elements increases. "The author wishes to thank O. G. Vendik for his suggestion of the problem, advice, constant help, and direction of the work, and also E. I. Krupitskiy for his useful advice." Orig. art. has: 6 figures, 21 formulas, and 1 table. [03]

ASSOCIATION: Leningradskiy elektrotekhnicheskii institut im. V. I. Ul'yanova (Leningrad Electrical Engineering Institute); Indivskiy tekhnicheskii institut, (Indivskiy Tekhnicheskii Institut)

RECEIVED: 10 Apr 64

ENCL: 00

SUB CODE: EC

NO REF SOV: 005

OTHER: 003

ATT PAGES: 4035

Card 272

USSR / General Biology - General Hydrobiology.

B

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38099.

Author : ~~Das, S. M.~~ Srivastava, V. K.

Inst : ~~University of Lucknow, India~~ UNIVERSITY OF LUCKNOW, INDIA

Title : A Quantitative Study of Sweet-Water Plankton in the Piscicultural Lake of Lakhnau (India).

Orig Pub: Zool. zh., 1957, 35, No 3, 328-336.

Abstract: Regular weekly quantitative studies of plankton were conducted from July 1954 to June 1955. For the first time 2 maximums of total plankton volume were established for sweet waters of India: the first one in the monsoon season (July), when "volvoks" types develop in the mass, and the second one in spring, chiefly accounted for by Myxophyceae "flowering." As between quantities of

Card 1/2

IASAYEV, A.N.

Cardioplegia in operations on the open heart with the use of artificial blood circulation; survey of the literature. *Khirurgia* 37 no.1:132-136 Ja '61. (MIRA 14:2)

1. Iz gosital'noy khirurgicheskoy kliniki (zav. - deystvitel'nyy chlen AMN SSSR zaslushenny deyatel' nauki prof. B.V. Petrovskiy) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

(HEART—SURGERY)

DASAYEV, A.N.

Artificial arrest of the heart and restoration of the cardiac activity in operations on the open cavities of the heart in experimental extracorporeal circulation. Trudy 1-go MMI 33: 25-29 '64. (MIRA 18:3)

DASCALESCHI, A.

"Use of thermodynamic diagrams in studying the production of industrial oxygen."

p. 11 (Revista De Chimie) Vol. 7, no. 1, Jan. 1956  
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

DASCALESU, Aurelian

SURNAME, Given Names

Country: Rumania

Academic Degrees: Engineer

Affiliation: -not given-

Source: Bucharest, Stinta si Tehnica, No 8, Aug 1961, pp 36-37.

Data: "Automation in the Chemical Industry."

GPO 981643

BRINZANESCU, V. (Constanta); DASCALESCU, H. (Ploiesti); IONESCU-TIU, C.;  
ONOFRAS, E., prof. (Ploiesti); LEONTE, Aristide (Graiova); METTLER,  
Martin, prof. (Viseu de Sus); LUPOVOC, M.L. (Lugansk, U.S.S.R.);  
BIRZAN, Romanel (Cluj); GRIGORESCU, Serban (Bucuresti)

Solved problems. Gaz mat B 16 no.1:17-31 Ja '65.



ROMANIA

DASCALU, J., MD.

Unified Hospital in Bistrita (Spitalul Unificat din Bistrita)

Bucharest, Viata Medicala, No 3, 1 Feb 64, pp 193-194

"The Pulseless Disease (Takayasu's Syndrome)."

DASCAL, O.

Experiments with explosions after milli-second delay in mining in  
Rumania. p. 219.

REVISTA MINELOR

Vol. 7, no. 5, May 1956

Rumania

Source: EAST EUROPEAN LISTS      Vol. 5, no. 10      Oct. 1956

DASCAL, O.

DASCAL, O. New research for the study and elimination of quicksand in lignite deposits in Rumania. P. 356.

Vol 7, no. 8, August 1956

REVISTA MINELOR

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

DASCALESCH, A.

"A furnace without cupola for the baking of carbon electrodes; its calculation and construction."

p. 580 ( Revista De Chimie) Vol. 8, no. 9 Sept. 1957

Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no 4,  
April 1958

~~DASCALESCU, Eugen~~

The Council board is useful. Constr Buc no.756:4 4 July '64.

1. Chairman of the Council Board, Equipment and Transportation Enterprise, General Directorate of Construction and Assembly, Bucharest.

DASCALESCU, P.

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. No. 3,  
1958.

DASCALESCU, P. Setting of a seine without sinkers; an economical method  
of producing some fishing implements. p. 3.

Monthly List of East European Accession (EEAI), LC., Vol. 8, No. 3,  
March 1959, Unclass.

DASCALU, Florea

Production meeting appreciated the activity as good. Constr Buc  
15 no.723:4. 16 N '63.

1. Presedintele comitetului sindicatului I.C.L., Bucuresti.

UNGUREANU, I.; TANNENBAUM, M.; DASCALU, G.; DAMIAN, F. (Bucharest)

Testing the border state of ferroconcrete and prestressed  
shells on models made of cement mortar. Archiv inz lad 10  
no.3:357-394 '64.



DASCALU, Gh.

Organizing the activity of a trade-union committee, an important task for its president. Munca sindic 7 no.6: 32-35 Je '63.

1. Presedinte al comitetului sindicatului de la uzinele "Electromagnetica", Bucuresti.

DASCALU, Gr., ing.; TANNENBAUM, M., ing.

Arched girders and trusses of reinforced concrete panels assembled by prestressing; comparative study on catalog elements for industrial workshop roofs. Bul cerc constr sistemat no.2:77-100 '62.

1. Institutul de cercetari in constructii si economia constructiilor.

DASCALU, I.

Manufacture of stockings from polyamide threads. p. 170.

INDUSTRIA TEXTILA

Vol. 7, no. 4, Apr. 1956

Rumania

Source: EAST EUROPEAN LISTS Vol. 5, no. 10 Oct. 1956

PASCALU, L.

307/592

International symposium on macromolecular chemistry, Moscow, 1960.  
Nashchadnyy simpozium po makromolekulyarnoy khimii SSSR, Moskva, 16-18  
iyunya 1960 g.; doklady i referaty. Sotkiya I. (International Symposi-  
um on Macromolecular Chemistry Held in Moscow, June 16-18, 1960; Papers and  
Summaries. Section I.) [Moscow, Izd-vo AN SSSR, 1960] 326 p. 5,500 copies  
printed.

Sponsoring Agency: The International Union of Pure and Applied Chemistry,  
Commission on Macromolecular Chemistry

Publ. No.: T. V. Polyakova.

PURPOSE: This collection of articles is intended for chemists and researchers  
interested in macromolecular chemistry.

COVERAGE: This is Section I of a multivolume work containing scientific papers  
on macromolecular chemistry in Moscow. The material includes data on the  
synthesis and properties of polymers, and on the processes of polymerization,  
copolymerization, polycondensation, and polycondensation. Each text is  
presented in full or summarized in French, English, and Russian. There are  
27 papers, 28 of which were presented by Soviet, Russian, Hungarian, and  
Czechoslovakian scientists. No personalities are mentioned. References  
accompany individual articles.

Pavlov, K. I., N. I. Zhurav, R. I. Kozlovskiy, P. I. Zakharenko, and K. B. Kozlovskiy (USSR). Polycondensation of the $\alpha$ -halo acids Esters in the Presence of Carbon Dioxide	210
Miksu, J. A. (Hungary). On the Behavior of Mixed Perfluoro-Formaldehyde Framule Particles	218
Avetis, M. S., and L. A. Rodionov (USSR). On the Heterogeneous Method of the Polycondensation	228
Kubayev, K. I., V. I. Markovskiy, and S. S. Khokhlovskiy (USSR). On Some Reactions Underlying the Interfacial Polycondensation of Acid Chlorides of Dicarboxylic Acids and Diamines in the Process of Fiber Formation	237
Alexandru, I., and L. Bercu (Romania). Synthesis of Polyurethane by Interfacial Polycondensation	245
Pisarcovici, A. A., G. A. Levinskii, and J. A. Frenkel (USSR). The Catalytic Action of Some Metallic Compounds on the Formation of Polyurethanes	255
Lebed, P., and E. Chremet (Czechoslovakia). Some Problems of Poly- condensation in a Suspension	262
Golubina, A. I., K. I. Zakharenko, and A. I. Zakharenko (USSR). Copolymers of $\alpha$ -Methylstyrene and Vinyl Naphthalene With Other Vinyl Compounds	282
Kozlov, D., and M. Kolinsky (Czechoslovakia). Chain Transfer Reactions in the Polymerization of Vinyl Chloride	304
Zelinger, J. (Czechoslovakia). Study of the Kinetics of Dispersion Polymerization of p-Chlorostyrene in a Column Containing an Aqueous Solution With a Linear Density Gradient	307
Hensler, J., L. Matzke, and Z. Polasek (Czechoslovakia). Thermal Aging of Polyphosphazenes	328
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ALEKSANDRU, L.; DASKALU, L. [Dascalu, L.]; KRISTESKU, I. [Kristescu, I.]

Catalytic depolymerization of polyethylene terephthalate  
wastes. Khim.volok. no.3:25-27 '62. (MIRA 16:2)

1. Nauchno-issledovatel'skiy institut khimii, Bukharest,  
Rumynskaya Narodnaya Respublika.  
(Textile fibers, Synthetic) (Ethylene polymers)  
(Terephthalic acid)

DASCALU, Lidia

On some systems of the ordinary differential equations, partially Lipschitzian. Comunicarile AR 12 no.1:19-22 Ja '62

1. Comunicare prezentata de M. Haimovici, membru corespondent al Academiei R.P.R.

CASETTI, M. dr.; DASCALU, Maria, dr.; OSTAP, B. dr.; SMILOVICI, S., dr.;  
PREDA, L. chim.; DOMITRIU, I., dr.; MUNTEANU, Elena, dr.

Clinical value of the quantitative study of bile sediment  
collected at intervals of a minute. Med. intern. (Bucur.)  
16 no.7:819-826 J1'64.

1. Lucrare efectuata in Clinica a IV-a medicala, Iasi (director: conf. N. Goldenberg).

DASCALU, Rodica

Physiology and pharmacodynamics of the hypophysial somatotrophic hormone. Stud. cercet. endocr. 13 no.2:185-199 '62.  
(SOMATOTROPIN pharmacology) (SOMATOTROPIN physiology)



DASCALU, Rodica; GOZARIU, L.

Concerning the extra-renal action of the antidiuretic hormone.  
Stud. cercet. endocr. 13 no.3:431-433 '62.

(VASOPRESSIN therapy) (DIABETES INSIPIDUS therapy)  
(NERVOUS SYSTEM pharmacology) (THIRST pharmacology)

GOIA, I.; DASCALU, Rodica

Symptomatic secondary hyperthyroidism. Stud. cert.  
endocr. . 14 no. 3:327-339 '63.

(HYPERTHYROIDISM) (INFECTION) (VIRUS DISEASES)  
(THYROID NEOPLASMS) (POISONING)

GOZARIU, L., dr.; BARABAS, Ecot, chim.; DASCALU, Rodicala, dr.

Contribution to the study of renal functional dynamics in patients with renal diabetes. Med. intern. 14 no.9:1117-1122 S '62.

1. Lucrare efectuata in Clinica de endocrinologie, I.M.F., Cluj.  
(GLYCOSURIA) (KIDNEY FUNCTION TESTS) (PREGNANCY COMPLICATIONS)  
(CARBOHYDRATE METABOLISM) (HEXOKINASE)

DASCALU, Rodica; ROSAN, Lilly; GOZARIU, L.; VISINESCU, I.

Investigations of growth in Seresevski-Turner gonadal dysgenesis.  
Stud. cercet. endocr. 14 no.1:53-61 '63.

(TURNER'S SYNDROME)	(GROWTH)	(SOMATROPIN)
(BLOOD CHEMICAL ANALYSIS)	(SEX CHROMATIN)	(STERIODS)
(URINE)	(GONADOTROPINS)	

DASCALU, Rodica

Contributions to the study of the stages of evolution of  
acromegaly. Stud. cercet. endocr. 14 no.4/5/6:669-675 '63.

\*

ROSAN, Lilly; DASCALU, Rodica

A case of pseudohypoparathyroidism with secondary compensating hyperparathyroidism. Stud. cercet. endocr. 15 no.1:73-76 '64.

GOZARTI, L.; DASCALU, Rodica

Changes during adrenal cortex hormone therapy in renal receptivity  
to antidiuretic hormone in a case of diabetes insipidus. Stud.  
cercet. endocr. 15 no.5:471-474, '64.

DASCAIU, Rodica; GOZARIU, L.; FLORESCU, O.; ROSAN, Lilly; VISINESCU, I.

"Free" and "bound" plasmatic insulin activity in obese patients  
treated with phenmetrazine. Stud. cercet. endocr. 16 no.3:279-  
284 '65.



DASCALU, S.

The Party's resolution is also ojr resolution.

P. 15 (DRUMUL BELSUGULUI) (Bucuresti, Rumania) No. 3, Mar. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

DASCALU, Silvia

The effect of the manufacturing process upon the nature and the amount of nonmetallic inclusions in steel. Silvia Dascalu (Polytech. Inst., Bucharest). Acad. rep. popul. sci. Stadii zbirari met. 3, 62 (1968).—The nature of the nonmetallic inclusions in steel gives an indication of the manufg. process, as was found out by the study of 26 charges of killed steel which was produced in the basic open hearth. It is shown on the basis of analyses how every single step in the operation, from the charging till the casting, adds or does not add its particular nonmetallic inclusion to the material. During the refining the rate of the decarburization and the time of killing show the greatest effect on the amt. of such inclusions, if the original charge is not composed correctly. The slags with various chem. and phys. properties actually act indirectly on the steel inclusions only, in the way they influence the decarburization. Any deoxidizers added also affect the nature and amt. of inclusions; if a deoxidizer is really effective, the amt. of FeO must be small to begin with. This is true if the Mn regeneration takes place at the end of the refining period; otherwise the steel is always rather impure. Werner Jacobson.

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Influence of steel making on the content and nature of nonmetallic inclusions. *Silva Dascalu. Rev. m<sup>h</sup>. Acad. rep. populiste Roumaine*, 67-1987-1988 (in French).—D. concludes that the amt. and nature of nonmetallic inclusions in steel depend on the method used to make it. The rate of decarburization and the degree of boiling are important physicochem. factors having a direct influence on the inclusion content. They are nearly equal in importance to the compn. of the charge. Phys. and chem. properties of the unused slag have an indirect influence on the inclusion content of the steel by virtue of their influence on decarburization. The nature and content of inclusions depend on the amt. of deoxidizers used and the order in which they are added. Decoxidation is, nevertheless, ineffective if it is accompanied by a diminution of the ferrous oxide in the bath. In such a case, Mn is not regenerated, as is required to secure a very pure steel. B. M. Sherwood

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RUMANIA / Human and Animal Physiology (Normal and Patho- T  
logical). Internal Secretion. Hypophysis

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97649

Author : Vasilescu, V., Dascalu-Asgian, R.

Inst : Not given

Title : Significance of Pituitrine in Regulation of  
Secretion of the Anterior Lobe of Hypophysis

Orig Pub: Studii si cercetari med. Acad RPR Fil. Cluj, 1956,  
7, Nos 1-4, 109-113

Abstract: In patients with a slight form of diabetes insipidus,  
pain stimulation (subcutaneous injection of one milli-  
liter of distilled water) produced eosinopenia, only  
somewhat less prolonged than in healthy persons.  
Clinical signs of insufficiency of pituitary-adrenal

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RUMANIA / Human and Animal Physiology (Normal and Pathological). Internal Secretion. Hypophysis

Abs Jour: Ref Zhur-Biologiya, No 21, 1958, 97649

cortex systems were not discovered. Apparently the hormones of the posterior lobe of hypophysis do not regulate ACTH secretion.

Card 2/2

C. A. JENSEN, Ярослав

[illegible]

*PH*

**PROCESSES AND PROPERTIES INDEX**

Nitriding of tools. Josef Dálek (Československé Zbrojovky, Vsetín, Czechoslovakia). *Hutnické Listy* 1, 101 n (1948).—Around 600-700° nascent N<sub>2</sub> formed in a salt bath contg. sodium and potassium cyanides and cyanates, forms a thin hard layer of iron nitrides on the surface of steel tools. It was found that the dimensions of the tools are unchanged after this treatment, and that the hardness of the surface layer increases with time of nitriding and is highest if carried out at 640-660°. The tools are first heated to this temp., then placed in the salt bath for about 2 hrs., cooled, washed with hot water, and dried by a stream of air. Nitrided tools show an increase in durability of up to 1000%.

Thomas Gibian

**ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION**

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DASEK, Jaroslav, ins.

Comments on the State Planning Commission regulations concerning  
the evaluation of the economic effectiveness of investments. Doprava  
no.12:412-414 '62.



DASEK, Jaroslav, inz.

"Design and construction of highways" by [inz ] E.Krupsky and others. Reviewed by Jaroslav Dasek. Inz stavby 13 no.2:88 F '65.

DASEK, I.

"Determining the size of the water-supply network by an electric analyzer."

p. 305 (Vgda) Vol. 36, no. 11, Nov. 1957  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

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Calculation of steel structures of overhead chain conveyors.  
Strojirenstvi 14 no.12:949-954 D '64.

1. Transporta, Prague.

I 62151-65 EWP(h)/EWP(1)  
ACCESSION FR: APS019912

CZ/0032/64/014/012/0949/0954

AUTHOR: Pisek, M. (Engineer)

Calculation of the supporting structural steel of overhead conveyers

SOURCE: Strojirenstvi, v. 14, no. 12, 1964, 949-954

TOPIC TAGS: mechanical engineering, conveying equipment

Abstract (Author's English summary, modified): Many methods of calculation developed for cranes are applied to the supporting steel structure of overhead conveyers, although the loads present in conveyor systems are of a quite different character from those in cranes. The article outlines fundamental rules to be followed in calculations to arrive at the best technical and economic solution. The new State Standard for conveyers and their calculation is discussed. Orig. art. has 1 formula, 3 graphs, and 4 tables.

ASSOCIATION: Transporta, Prague

SUBMITTED: 00  
NO REF SOV: 000

ENCL: 00  
OTHER: 000

SUB CODE: IE  
JPRS

1/1 8/8P

DASEK, M.

"For a Better Utilization of Fuel in Railroad Transportation." p. 523 (Za Social-  
istickou Vedu A Techniku, Vol. 3, no. 12, Dec. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, March 1954, Uncl.  
~~RUSSIAN~~

DASEK, M.

For better utilization of fuel in railroad transportation. p. 139.  
ZELEZNICE, Prague, Vol. 4, no. 6, June 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,  
June 1956, Uncl.

DASEK, M.

DASEK, M. Contribution to the discussion on the use of producer-gas locomotives. p. 278.

Vol. 4, No. 6, June 1955  
ZA SOCIALISTICKOU VEDU A TECHNIKU  
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Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

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New needle-type carburetor with a longitudinal slide valve. p. 210.  
SVEL MOTORU, Praha, Vol. 9, no. 7, Mar. 1955.

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Uncl.



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SVET MOTORU, Praha, Vol. 9, no. 11, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

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How much starting in the cold weather costs and how it increases the consumption of gasoline.

P. 79. (SVET MOTORU.) (Praha, Czechoslovakia) Vol. 12, No. 3, Jan. 1958

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958

Dasek, M.

"Smoking of two-stroke gasoline engines." p.437

SVET MOTORU. (Svas pro spolupraci s armadou) Praha, Czechoslovakia, Vol. 13,  
no. 14, July 1959

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 9, Sept. 1959

Uncl.

DASEK, Miroslav, inz.

Do you know how to set up the idle run? Automobil Cz 9 no.212--  
5 F '65.

L 31209-66 EWP(h)/EWP(1)

ACC NR: AP6022600

SOURCE CODE: CZ/0032/65/015/012/0896/0901

AUTHOR: Dasek, M. (Engineer)

33  
B

ORG: Transportation Branch Works, Transport Equipment Research Institute, Prague  
(Transporta, pborovy podnik, Vyzkumny ustav transportnich zarizeni)

TITLE: Stretching of forged chain conveyer links

SOURCE: Strojirenstvi, v. 15, no. 12, 1965, 896-901

TOPIC TAGS: conveying equipment, metal forging, elongation, metal deformation

ABSTRACT: The forged links of chain conveyers gradually stretch after prolonged service and the conveyer length must be periodically checked and readjusted by removing some links. The article describes efficient measures which can extend the intervals between readjustments and secure longer service life of chains. All important factors, such as the choice of material, the maintenance of chains and the manufacturing tolerances of forged links, are discussed in detail. Closer tolerances of link forgings, although necessitating higher costs, can be recommended as a measure both efficient and economical. This paper was presented by Professor, Engineer F. Drazan. Orig. art. has: 5 figures, 3 formulas and 2 tables. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 004

Card 1/1

BLG

UDC: 621.887.3: 672.6: 621.734

09/5

06/19

DASEK, VACLAV

Dasek, Vaclav, Vypocty ramovych konstrucki Praha, Statni pedagogicke nakl. 1952.  
(Ucebin texty vysokych skol) (Calculation of frame constructions. Vol. 1-2 )

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DASEK, VAVLAV.

Dynamika. Schvaleno jako celostatni vysokoskolska ucebnice. (1. vyd) Praha, Nakl. Ceskoslovenske akademie ved, 1955. 290 p. (Synamics; approved as a national textbook for schools of higher education. 1st ed. bibl, diags.)

SOURCE: East European Accessions List (EEAL) Library of Congress. Vol. 5, No. 1, January, 1956.

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Question of the study on the morphological variability of  
*Piroplasma caballi* (Nuttall et Strickland, 1910) in carcasses.  
*Acta veter Hung* 14 no. 2:145-150 '64.

1. G.Dimitrov Higher Agricultural Institute, Chair of Zoo-  
hygiene and Fundamentals of Veterinary Science (Director:  
Prof. P.Pavlov), Sofia.



DASHCHENKO, A., kand. tekhn. nauk

> Manufacture of large-block machine tool units. Tekh. mol.  
28 no. 12:1-3 '60. (MIRA 13:12)  
(Machinery industry) (Assembly-line methods)

DASHCHENKO, A., kand.tekhn.nauk

Chain or complicated system? Tekh.mol. 29 no.2:1-3 '61.  
(MIRA 14:3)  
(Assembly-line methods)

DASHCHENKO, A. I.

DASHCHENKO, A. I. "Investigation of the Operation and Design of Small Complex Semiautomatic Machinery for Working Small Hull Parts." Acad Sci USSR. Inst of Machine Science. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Science)

So: Knizhnaya Letopis', No. 19, 1956.

DASHCHENKO, A., aspirant.

Machine tools made of large blocks. Znan.sila 31 no.1:4-8  
Ja '56. (MLRA 9:4)

1. Institut mashinovedeniya Akademii nauk SSSR.  
(Machine-tool industry)

DASHOHNKO, A., kandidat tekhnicheskikh nauk.

Small witnesses of big events. Znan. sila 32 no.3:6-9 Mr '57.  
(Electric controllers) (MIRA 10:6)

DASHCHENKO, A.I., kandidat tekhnicheskikh nauk.

Selecting designs of power heads for minor semiautomatic units.  
Vest.mash. 37 no.6:16-21 Ja '57. (MIRA 10:7)  
(Machine tools)

DASHCHENKO, A.I., kand. tekhn.nauk; VLADIMIROV, V.M., inzh., ved.  
red.; APIRIN, B.S., inzh., red.; PONOMAREV, V.A., tekhn.red.

[Power heads for small semiautomatic machine-tool units] Silovye  
golovki malykh agregatnykh poluavtomatov. Moskva, Filial Vses.  
in-ta nauchn. i tekhn. informatsii, 1958. 75 p. (Peredovoi na-  
uchno-tekhnikeskii i proizvodstvennyi opyt. Tema 10. No.M-58-59/11)  
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(Machine tools)

**DASHCHENKO, A.I.; NAKHAPETIAN, Ye.G.**

Introducing automatic control of machining operations in plants  
producing in lots. *Biul.tekh.-ekon.inform.* no.2:85-91 '58.  
(MIRA 11:4)

(Automatic control) (Factory management)



DASHCHENKO, A.I.

Czechoslovakian machine-tool units. Biul.tekh.-ekon.inform. no.5:  
85-88 '58.

(MIRA 11:7)

(Czechoslovakia--Machine tools)

DASHCHENKO, A.I.

Trends in the design of power heads and machine-tool units. Biul.  
tekh.-ekon.inform.no.2:90-96 '59. (MIRA 12:3)  
(Machine tools--Design)

DASHCHENKO, A. I.

PHASE I BOOK EXPLOITATION SOV/5291

Soveschaniye po kompleksoy mekhanizatsii i avtomatizatsii tekhnologicheskikh protsessov v mashinostroyeni. 2d. Moscow, 1956

Avtomatizatsiya mashinostroyeni'nykh protsessov, t. III: Obrabotka rezaniyem i obshchiye voprosy avtomatizatsii (Automation of Machine-Building Processes. V. 3: Metal Cutting and General Automation Problems) Moscow, Izd-vo AN SSSR, 1960. 296 p. (Series: Ita: Trudy, t. 3) 4,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya. Komissiya po tekhnologii mashinostroyeniya.

Resp. Ed.: V. I. Dikushin, Academician; Ed. of Publishing House: Y. A. Kotov; Tech. Ed.: I. P. Kuz'min.

PURPOSE: This collection of articles is intended for technical personnel concerned with the automation of the machine industry.

COVERAGE: This is Volume III of the transactions of the Second Conference on the Full Mechanization and Automation of Manufacturing Processes in the Machine Industry, held September 25-29, 1956. The transactions have been published in three volumes. Volume I deals with the hot pressworking of metals, and volume II, with the actuation and control of machines. The present volume deals with the automation of metal machining and work-hardening, and with general problems encountered in automation. The transactions on the automation of metal-machining processes were published under the supervision of P. S. Dem'yanok and A. M. Karatygin, and those on the automation of work-hardening processes, under the supervision of E. A. Satei' and M. O. Yakobson. No personalities are mentioned. There are no references.

Kryzher, Yu. B. On the Operation of the Tools in Automatic Production Lines 32

Kryzher, Yu. B. Experience of the SKB-6 [Special Design Office No. 6] in Designing and Mastering Automatic Production-Line Operations 43

Yegorov, B. V. Automation of Universal Metal-Cutting Machines for Mass Production 53

Meklyudov, O. I. Automatic Machining of Parts Used in Matchmaking 62

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Koshkin, L. M. Automation of Manufacturing Processes Based on Rotary Transfer Machines 82

Rykin, O. M. Metal-Cutting Tools for Automated Production 98

Derbisher, A. V. Automation of Manufacturing Processes at the I GIZ [1st State Bearing Plant] 111

Sokolov, Ye. F. Experience in the Operation of Semiautomatic Hydraulic Copying Machines 124

Vasil'yev, V. S. Automatic Balancing Machines 129

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DASHCHENKO, A.I.

Automatic machine-tool lines. Biul.tekh.-ekon.inform. no.6:88-92  
'60. (MIRA 13:8)  
(Automatic control) (Machine tools)

S/122/60/000/010/001/015  
A161/A030

AUTHOR: Dashchenko, A.I., Candidate of Technical Sciences

TITLE: The Effect of Component Assemblies Design on the Productivity of Semiautomatic Standard-Unit Machine Tools

PERIODICAL: Vestnik mashinostroyeniya, 1960, No.10, pp.3-9

TEXT: Many Soviet machine building works are now building machine tools from standard component units supplied by machine tool works. The laboratory of machine building technology of IMASH AN SSSR (IMASH AS USSR) carried out a comparative analysis of the operation of 60 such machine tools of Khar'kovskiy zavod malykh agregatnykh stankov, or KhZMAS (Khar'kov Small Standard-Unit Machine Tool Works) with flat-cam power heads, and of Avtozavod imeni Likhacheva, or ZIL, (Automobile Works imeni Likhachev) with hydraulic power heads. Power heads of Soviet design - ХЗМАС(KhZMAS), ЗИЛ (ZIL), NIITAvtoprom, СКБ-1 (SKB-1) as well as foreign (Natco, Renault, Excello) have been investigated theoretically and experimentally. Semi-automatic standard-unit machine tools have a high rate of production, but it has been found that the productivity of some may be raised 2-4 times by

Card 1/2

S/122/60/000/010/001/015  
A161/A030

The Effect of Component Assemblies Design on the Productivity of Semi-automatic Standard-Unit Machine Tools

cutting time loss for idle runs, cutting-in and run-out of the tools, and by raising the cutting rate to the optimum. It has been concluded that the highest output rate can be achieved by using heads with pneumo-hydraulic feed drive (for an electric motor of 0.6 - 2.8 kw), and an hydraulic feed drive with adjustable pumps (for motor above 2.8 kw). Threading operations on such machines could be performed with the use of tracer nuts. Further production of the machine with flat-cam heads can only be accepted as a temporary measure to produce more semi-automatic machines. It is stressed that extensive design research work is necessary to produce a series of new highly productive heads. No engineering information is included. There are 3 figures.

Card 2/2


S/029/60/000/012/001/005  
B013/B077

AUTHOR: Dashchenko, A., Candidate of Technical Sciences

TITLE: Large Machine Manufacturing

PERIODICAL: Tekhnika molodezhi, 1960, No. 12, pp. 1 - 3

TEXT: In the present popular scientific article the author reports about so-called work bench-aggregates which can be seen in the pavilion on the fair of achievements of the economy in Moscow. These workbenches consist of single parts. If a certain machine part has to be manufactured these parts are set up as necessary in such a workbench aggregate; using the same parts in a different sequence, different machine elements can be produced. The main parts of these workbenches are the drives driving the cutting tools. One single drive mounted on a stand or support and equipped with a tool represents already such a workbench. In case a surface has to be machined the mechanisms with the chucked piece are put on a turntable or drum, which in turn are fastened to a frame. The work is controlled electrically. The control mechanisms consist of separate parts, which can be put together in different ways thus



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Large Machine Manufacturing

S/039/60/00400 100/100  
not 1/1000

allowing the control of any process. In the Minskiy zavod avtomaticheskikh liniy (Minsk Plant for Automatic Production Lines) the designers use small wooden models of separate parts for the lay-out of new types of workbenches or whole production lines. For small and medium-sized pieces which are treated in several processes multistage machines are built. Production lines are better suited for work on large pieces. Lately workbench aggregates are not only used for mass production but also to work on small pieces. In this case a limited number of tools is used and the pieces are turned in certain time intervals. Quite often 15 to 20 hours are enough to rebuild a multipurpose workbench. The efficiency of machines can be considerably improved by concentrating several operations. Therefore, in the next seven years, special attention will be paid to the construction of multipurpose machines. Another problem is the construction of combined workbenches where different operations, such as e.g. mechanical treatment, assembly, punching, welding, and control measurements can be carried out. The problem of automatic chucking of pieces on the workbench aggregate has to be solved. In some plants of the USSR workbenches are already in use where the exchange of tools is

Card 2/3

Large Machine Manufacturing

S/029/60/000/012/001/005  
B013/B077

done automatically. One of these workbenches was built in the zavod  
imeni Ordzhonikidze (Plant imeni Ordzhonikidze). There are 6 figures.

2

Card 3/3

DASHCHENKO, A.I.

Using machine-tool units in lot production. Biul.tekh.-ekon.inform.  
no.5:91-96 '60. (MIRA 74:3)

(Machinery, Automatic)

DASHCHENKO, Anatoliy Iosifovich; DIKUSHIN, V.I., akademik, otv. red.;  
PROKOF'YEVA, N.B., red. izd-va; VOLKOVA, V.V., tekhn. red.

[Machine tools made in large units] Stanki iz krupnykh blokov.  
Moskva, Izd-vo Akad. nauk SSSR, 1961. 147 p. (MIRA 14:10)  
(Machine tools—Design and construction)

S/051/61/011/005/014/018  
E202/E192

AUTHORS: Zapesochnyy, I.P., and Dashchenko, A.I.

TITLE: Oscillographic method of studying the optical functions of excitation

PERIODICAL: Optika i spektroskopiya, v.11, no.5, 1961, 679-681

TEXT: An experimental assembly used in the measurement of optical functions of excitation was briefly described. The use of oscillograph was preferred since it secured instantaneous pictures of the function at any velocity interval of the exciting electrons. Furthermore, with this arrangement it was possible to isolate any narrow portion of the curve and spread it on the screen, so as to render the fine details visible. Finally, the whole progress of work could be well documented by taking photographs. Detailed descriptions of the discharge tube, monochromator and the registering arrangement were given by the first of the present authors (Ref.3: Vestn. LGU, no.11, 67, 1954). The excitation functions were presented on the CRT as follows. To the adjustable anode of the electron gun was applied the alternating voltage of a sawtooth wave generator which led to

Card 1/2

Oscillographic method of studying ... S/051/61/011/005/014/018  
E202/E192

the change in the intensity of the studied line. This change in intensity varied periodically the photocurrent of the photoelectric multiplier, which in turn caused periodic fall of voltage on the load resistance, which was registered on the oscillograph. If the frequency of the sawtooth oscillations coincided with the frequency of the horizontal scan of the oscilloscope, then the screen showed the function of excitation of the line within the electron energy interval from 0 to V volts, where V is the maximum voltage on the anode. The above arrangement was used in the study of excitation functions of two lines of Hg, within the energy interval of 0 - 70 eV. There are 1 figure and 3 Soviet-bloc references.

SUBMITTED: January 11, 1961

Card 2/2

DASHCHENKO, A.I.

Arrangement of machine-tool units. Biul.tekh.-ekon.inform.Gos.  
nauch.-issl.inst.nauch.i tekhn.inform. no.2:87-92 '63.

(MIRA 16:2)

(Machine tools)

DASHCHENKO, A.I.; NAKHAPETYAN, Ye.G.; ACHERKAN, N.S., doktor  
tekhn. nauk, otv. red.; RZHEVSKIY, V.F., red.izd-va;  
GUSEVA, A.P., tekhn. red.

[Design and investigation of basic units of automatic  
lines and machine-tools] Proektirovanie, raschet i is-  
sledovanie osnovnykh uzlov avtomaticheskikh liniy i  
agregatnykh stankov. Moskva, Izd-vo "Nauka," 1964. 235 p.  
(MIRA 17:3)



DASHCHENKO, A.I., kand. tekhn. nauk

Concentration of technological operations in designing  
machine-tool units. Standartizatsiia 28 no.7:22-28

J1 '64.

(MIRA 17:11)

DASHCHENKO, I. T.

FA 242T29

USSR/Electricity - Distribution Systems Dec 52

"From Operating Experience with Closed City Electric Power Networks," Engr I. T. Dashchenko and Engr P. Yu. Tsapulich, Uzhgorod Power Combine

"Elektrichestvo" No 12, pp 63-65

Describes organization and operation of low-voltage, closed-circuit, city electric power network typical of several in Ukrainian SSR (constructed in 1932). Reaches conclusions on expedient methods for developing them. Recommends use of fuses for network protection for this type of network. Submitted 2 Jul 52.

242T29

DASHCHENKO, I.T., inzhener.

Simplification of substations and 6--110-kv transmission lines.  
Elek.sta. 27 no.1:33-34 Ja '56. (MLRA 9:6)  
(Electric substations) (Electric lines)

AUTHORS: 1) ~~Dashchenko~~, I.T., Engineer SOV/105-58-10-21/28  
(Town of ~~Uzhgorod~~)  
2) Ryklin, F.G., Engineer (City of Voznesensk,  
Nikolayevskaya Oblast')  
3) Shapiro, I.M., Engineer (City of L'vov)  
4) Ratner, M.P., Engineer  
5) Kudryashov, S.Ya., Engineer  
6) Khaytun, E.I., Engineer

TITLE: Electric Power Engineering on a New Level (Elektroenergetiku - na novuyu stupen')

PERIODICAL: Elektrichestvo, 1958, Nr 10, pp 86 - 90 (USSR)  
of

ABSTRACT: This is a discussion/ of the article by S.M. Gortinskiy and I.A. Syromyatnikov published in Elektrichestvo, 1957, Nr 10: 1) Even in electrified regions, as in the Ural, in the Donbass, etc. districts are found which are not connected with the power supply grid. To renounce the construction of small power stations could be of a detrimental effect. It would be most expedient to construct small power stations (with a power not below 25 MW) in greatly simplified power houses in a way enabling them of being translocated from one region to another. 2) Some measures of

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